

V. CONCLUSIONS AND RECOMMENDATIONS

5.1 Conclusions

This study tested 18 ISSR primers on 14 individuals of *Daemonorops draco*, consisting of 7 male and 7 female individuals from two different populations. The amplification results showed that primer RT 28 produced a specific band of approximately 190 bp, which appeared only in male individuals and not appeared in female individuals.

5.2 Recommendations

Based on the findings, it is recommended that primer RT 28 be further tested on a larger number of samples and more diverse populations to evaluate its consistency as a sex marker. Additionally, the specific fragment generated by this primer should be developed into a SCAR marker, which would provide a more stable, reproducible, and practical tool for molecular sex identification.